



Water-Data Report 2008

0214685800 SIX MILE CREEK NEAR PINEVILLE, NC

Santee Basin
Lower Catawba Subbasin

LOCATION.--Lat 35°00'37.28", long 80°49'42.75" referenced to North American Datum of 1983, Mecklenburg County, NC, Hydrologic Unit 03050103, on right bank 70 ft downstream of Marvin Road, 6.0 mi southeast of Pineville.

DRAINAGE AREA.--20.3 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 2007 to September 2008.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 574.2 above North American Vertical Datum of 1988. Satellite telemetry at site.

REMARKS.--No estimated daily discharges. Records fair. Maximum discharge for current water year from rating curve extended above 350 ft³/s. Minimum discharge for current water year also occurred July 5.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2.4	1.8	2.5	14	193	8.5	8.4	7.6	1.9	0.07	0.86	32
2	2.4	1.9	2.6	8.6	42	8.0	7.1	5.9	1.1	0.06	0.52	6.3
3	2.5	2.1	3.3	6.8	15	7.5	17	4.9	0.81	0.05	0.22	3.9
4	1.8	2.2	3.8	6.0	11	87	32	3.9	0.73	0.05	0.12	3.0
5	1.7	2.3	3.9	5.6	8.9	181	179	3.5	1.1	0.05	0.09	2.6
6	3.5	2.5	4.0	5.4	8.2	25	36	3.1	0.43	99	0.08	2.7
7	3.4	2.8	3.9	5.2	7.9	93	15	2.7	0.28	24	0.08	2.2
8	3.0	2.9	3.8	5.0	6.9	67	11	2.6	0.26	47	0.23	2.0
9	2.7	3.1	4.1	5.1	6.5	22	8.4	3.3	0.72	82	0.23	1.8
10	3.5	3.2	4.2	5.2	6.0	14	7.6	2.9	0.42	7.3	0.23	27
11	3.2	3.1	4.3	7.9	5.8	12	6.9	5.0	0.25	4.8	0.22	16
12	2.4	3.2	4.3	6.5	6.7	10	8.2	3.6	5.1	2.7	0.20	4.9
13	1.9	3.2	4.2	5.4	22	8.7	7.3	2.2	1.4	49	7.1	3.0
14	1.8	3.4	4.6	5.0	20	8.1	6.2	2.0	0.51	131	3.5	2.5
15	1.4	4.2	5.4	4.7	9.3	77	5.8	2.0	0.34	8.3	0.96	1.9
16	1.1	3.6	65	4.6	7.5	105	5.3	6.0	0.28	4.1	0.61	5.3
17	0.97	3.2	9.2	98	6.9	17	4.9	3.1	0.16	2.1	59	10
18	0.89	3.1	5.6	31	90	13	4.7	2.9	0.11	1.4	6.0	3.9
19	0.89	3.8	4.6	19	18	23	4.6	2.9	0.08	0.97	2.2	2.7
20	0.87	4.0	4.1	23	11	36	4.6	2.9	8.3	0.72	0.92	2.0
21	0.75	4.1	7.6	11	10	12	4.2	5.8	4.6	0.52	0.50	1.7
22	0.64	4.3	6.0	9.0	64	9.3	4.1	2.6	1.2	0.39	0.42	1.7
23	0.63	4.9	6.3	10	21	8.1	4.0	2.1	8.9	14	3.2	1.3
24	1.6	5.0	6.8	8.4	13	7.2	3.9	1.5	6.7	38	0.36	1.1
25	16	5.2	4.5	7.0	10	6.5	4.0	1.4	1.3	3.2	0.63	0.92
26	24	6.0	44	6.6	44	6.2	3.4	1.3	0.31	2.0	32	46
27	9.5	5.1	12	6.3	23	6.1	7.0	1.1	0.14	2.1	312	101
28	3.8	3.5	12	5.9	11	6.2	211	14	0.07	1.4	23	13
29	2.4	3.1	68	5.8	10	5.6	76	19	0.27	2.9	9.3	6.4
30	2.0	2.8	159	7.3	---	5.7	13	4.0	0.14	1.3	6.7	4.4
31	1.8	---	76	6.4	---	6.9	---	2.4	---	0.88	6.4	---
Total	105.44	103.6	549.6	355.7	708.6	902.6	710.6	128.2	47.91	531.36	477.88	313.22
Mean	3.40	3.45	17.7	11.5	24.4	29.1	23.7	4.14	1.60	17.1	15.4	10.4
Max	24	6.0	159	98	193	181	211	19	8.9	131	312	101
Min	0.63	1.8	2.5	4.6	5.8	5.6	3.4	1.1	0.07	0.05	0.08	0.92
Cfsm	0.17	0.17	0.87	0.57	1.20	1.43	1.17	0.20	0.08	0.84	0.76	0.51
In.	0.19	0.19	1.01	0.65	1.30	1.65	1.30	0.23	0.09	0.97	0.88	0.57

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2008 - 2008, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	3.40	3.45	17.7	11.5	24.4	29.1	23.7	4.14	1.60	17.1	15.4	10.4
Max	3.40	3.45	17.7	11.5	24.4	29.1	23.7	4.14	1.60	17.1	15.4	10.4
(WY)	(2008)	(2008)	(2008)	(2008)	(2008)	(2008)	(2008)	(2008)	(2008)	(2008)	(2008)	(2008)
Min	3.40	3.45	17.7	11.5	24.4	29.1	23.7	4.14	1.60	17.1	15.4	10.4
(WY)	(2008)	(2008)	(2008)	(2008)	(2008)	(2008)	(2008)	(2008)	(2008)	(2008)	(2008)	(2008)

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SUMMARY STATISTICS

Water Year 2008		
Annual total	4,934.71	
Annual mean	13.5	
Highest daily mean	312	Aug 27
Lowest daily mean	0.05	Jul 3
Annual seven-day minimum	0.10	Jun 29
Maximum peak flow	a433	Aug 27
Maximum peak stage	8.61	Aug 27
Instantaneous low flow	a0.04	Jul 4
Annual runoff (cfsm)	0.664	
Annual runoff (inches)	9.04	
10 percent exceeds	28	
50 percent exceeds	4.6	
90 percent exceeds	0.52	

^aSee Remarks.

